

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Bentwich, Itzhak	Art Unit:	1631
App. No.:	10/605,840	Examiner:	BRUSCA, JOHN S
Conf. No.:	2839	Title:	BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY GENES AND USES THEREOF
Filing Date:	October 30, 2003		

REPLACEMENT SEQUENCE LISTING UNDER 37 C.F.R. § 1.825(a)

Dear Sir:

In compliance with 37 C.F.R. § 1.52(e), please find submitted herewith a replacement Sequence Listing pursuant to 37 C.F.R. § 1.825(a).

SEQ ID NO: 3751 is new, support for which can be found at Fig. 12A of the application as originally filed.

SEQ ID NO: 3752 is new, support for which can be found at Fig. 13A of the application as originally filed.

SEQ ID NO: 3753 is new, support for which can be found at Fig. 14A of the application as originally filed.

SEQ ID NO: 3754 is new, support for which can be found at paragraph 11159, which recites:

VGR411 folded precursor RNA is naturally processed by cellular enzymatic activity into at least 2 separate VGAM precursor RNAs, VGAM222 precursor RNA and VGAM223 precursor RNA, herein schematically represented by VGAM1 FOLDED PRECURSOR through VGAM3 FOLDED PRECURSOR, each of which VGAM precursor RNAs being a hairpin shaped RNA segment, corresponding to VGAM FOLDED PRECURSOR RNA of Fig. 1.

SEQ ID NOS: 208 and 209 represent the sequences of VGAM222 and VGAM223 respectively, each of which sequence is contained in the application as originally filed. VGAM222 (SEQ ID NO: 208) is located on the negative strand of the Vaccinia virus genome at positions 114,354 to 114,436. VGAM223 (SEQ ID NO: 209) is located on the negative strand of the Vaccinia virus genome at positions 114,571 to 114,650. Therefore, SEQ ID NO: 3754 (VGR411) represents the sequences of VGAM222 (SEQ ID

NO: 208) and VGAM223 (SEQ ID NO: 209), and the intervening 134 base pairs in the Vaccinia virus genome between VGAM222 and VGAM223 (positions 114,437 to 114,570).

SEQ ID NOS: 3755-3760 are new, support for which can be found at paragraph 0150 of the specification as originally filed.

In view of new sequences 3751-3760 being supported by the application as originally filed, Applicant respectfully submits that the replacement compact disc contains no new matter in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: October 24, 2006

By: /Teddy C. Scott, Jr., Ph.D./
Teddy C. Scott, Jr., Ph.D.
Registration No.: 53,573
Customer No.: 37808

POLSINELLI SHALTON WELTE SUELTHAUS PC
180 N. Stetson Ave., Suite 4525
Chicago, IL 60601
312.819.1900 (main)
312.873.3613 (direct)
312.602.3955 (efax)
tscott@pswslaw.com